

**NEMO|etc.**

353 Christian Street, Unit #13
Oxford, CT 06478
(203) 262-9245

ENGINEER

EVALUATE

TEST

CONSULT

ROOF SYSTEM ASSESSMENT REPORT DYNAMIC UPLIFT RESISTANCE PER CSA A123.21

CLIENT:	SEAMAN CORPORATION	TEST DATE:	2020-02-12
DOCUMENT NO.	SMN-AARS-5	PUBLICATION DATE:	2023-02-24
TEST PANEL NO.	SMN-D12	REVISION NO.	3
SYSTEM TYPE:	A-1	REEVALUATION DATE:	2026-02-24

ADHESIVE APPLIED ROOFING SYSTEM (AARS) SUMMARY

PERFORMANCE⇒	PASSING PRESSURE	WIND UPLIFT RESISTANCE (WITH SF OF 1.5; RESISTANCE FACTOR 0.67)
	3.6 kPa (75 psf)	2.4 kPa (50 psf)

COMPONENT	ALLOWABLE PRODUCTS		BY
MEMBRANE*⇒	Option #1	Option #2	Seaman Corporation
	FiberTite, FiberTite-SM, FiberTite-XT or FiberTite XTreme	FiberTite FB, FiberTite-SM FB, FiberTite-XT FB or FiberTite XTreme FB	
	* Certified by ISO/IEC 17065 Certification Entity NEMO cert. to codified material standards.		
ATTACHMENT:	For Option #1	For Option #2	
	FTR-190e, contact application, 0.5 gal./sq. per surface or Alpha-Tite Bonding Adhesive, contact application, 0.83 to 1.0 gal./sq. per surface	FTR-290 or FTR-390 at 1 gal./sq.	Seaman Corporation
		Polyset Commercial Roof Adhesive, spatter-application	ICP Construction, Inc.
INSULATION, TOP LAYER⇒	max. 4 x 4-ft. x min. 1.5-inch thick		
	FTR-Value or FTR-Value H		Seaman Corporation
	ACFoam II		Atlas Roofing
	H-Shield		Hunter Panels
	IKOTerm		IKO Industries
	ISOLEX A		Lexusco 2010 Corp
ATTACHMENT:	FTR-601	ribbons 12-inch o.c.	Seaman Corporation
	FTR-601 PG	ribbons 12-inch o.c.	Seaman Corporation
	Millennium One Step Foamable	ribbons 12-inch o.c.	H.B. Fuller
	Millennium PG-1 Pump Grade	ribbons 12-inch o.c.	H.B. Fuller
	Insultac II Insulation Adhesive	ribbons 12-inch o.c.	Lexusco 2010 Corp
	Insultac II Pump Grade Insulation Adhesive	ribbons 12-inch o.c.	Lexusco 2010 Corp
INSULATION, BASE LAYER(s)⇒	Optional, one or more layers, max. 4 x 4-ft. x min. 1.5-inch thick		
	FTR-Value or FTR-Value H		Seaman Corporation
	ACFoam II		Atlas Roofing
	H-Shield		Hunter Panels
	IKOTerm		IKO Industries
	ISOLEX A		Lexusco 2010 Corp
	ThermalStar TS		Atlas Molded Plastics
	Min. 1.0 lb/ft³ IZOSOL or IZOLON EPS		Fransyl

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	Insultac II Insulation Adhesive	ribbons 12-inch o.c.	Lexusco 2010 Corp
	Insultac II Pump Grade Insulation Adhesive	ribbons 12-inch o.c.	Lexusco 2010 Corp
VAPOUR BARRIER⇒	Option #1: VaporTite		Seaman Corporation
	Option #2: FiberTite-SBS TG Base or FiberTite-SBS 190 TG Base		Seaman Corporation
ATTACHMENT:	For Option #1: self-adhering		
	For Option #2: torch-applied		
PRIMER⇒	For Option #1: ELASTOCOL Stick Zero, 1 gal./100 ft ²		SOPREMA
	For Option #2: ASTM D41 primer, 0.5 gal./100 ft ²		various
THERMAL BARRIER⇒	Min. 0.75-inch Structural Panel Concrete Roof Deck		USG
ATTACHMENT:	FTR-601	ribbons 6-inch o.c.	Seaman Corporation
	FTR-601 PG	ribbons 6-inch o.c.	Seaman Corporation
	Millennium One Step Foamable	ribbons 6-inch o.c.	H.B. Fuller
	Millennium PG-1 Pump Grade	ribbons 6-inch o.c.	H.B. Fuller
	Insultac II Insulation Adhesive	ribbons 6-inch o.c.	Lexusco 2010 Corp
	Insultac II Pump Grade Insulation Adhesive	ribbons 6-inch o.c.	Lexusco 2010 Corp
DECK⇒	Minimum 22 ga. type B steel meeting ASTM A653, A792, A1008 or CSSBI 10M standards and having a yield strength of 550 MPa (80 ksi)		various

NEMO ETC CREDENTIALS

TYPE	ENTITY	REFERENCE
ISO/IEC 17025 Accreditation	International Accreditation Service (IAS)	TL-689
TAS 301 Certification	Miami-Dade	21-0409.01
Third Party Test Data Program	UL, LLC	DA2862
Test Lab Listing	Roofing Contractors Association of British Columbia	RCABC

REPORT HISTORY

DATE	EVENT	NOTES	AUTHORIZED BY:
2020-08-24	FINAL issued	After client review	RN
2020-12-29	REV1 issued	Add Insultac II Insulation Adhesive and Insultac II Pump Grade Insulation Adhesive Add ISOLEX A; Correct Option #2 membrane designations.	RN
2021-10-21	REV2 issued	Add AlphaTite Bonding Adhesive; add IZOLON EPS	RN
2023-02-24	REV3 issued	Update trade names; add IKOTerm	RN

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END OF REPORT